



WESTERN SPECTROSCOPY ASSOCIATION CONFERENCE
January 28th –January 30th, 2004, Asilomar Conference Center, Pacific Grove, CA

Meeting Schedule

All talks and poster sessions will be in Merrill Hall.
All meals will be served in *Crocker Dining Hall*.

Wednesday, January 28th

3:00-6:00 p.m.	Registration in Main Lodge
4:00-5:00 p.m.	Set up for Poster Session I in Merrill Hall
5:00-6:00 p.m.	Poster Session I
6:00-7:00 p.m.	Dinner
7:30-9:00 p.m.	Registration Continues in Merrill Hall
8:00-8:10 p.m.	Welcoming Remarks in Merrill Hall Steve Leone (University of California, Berkeley) WSA Program Chairman
8:10-9:00 p.m.	Opening Lecture Roger Miller (University of North Carolina, Chapel Hill) “Spectroscopic studies of reactive intermediates formed in helium nanodroplets”
9:00-11:00 p.m.	Poster Session I Continues in Merrill Hall

Thursday, January 29th

7:30 a.m.	Breakfast
8:30-9:00 a.m.	Registration in continues in Merrill Hall
9:00-10:30 a.m.	<i>Session A Lectures</i> Chairperson: Anne Myers Kelley (University of California, Merced)
9:00-9:35 a.m.	Andrei Tokmakoff (Massachusetts Institute of Technology) “Ultrafast infrared spectroscopy of hydrogen-bond dynamics in water”
9:35 - 9:55 a.m.	John Asbury (Stanford University) “Hydrogen bond dynamics probed with vibrational echo correlation spectroscopy”
9:55-10:30 a.m.	Carlos Bustamante (University of California, Berkeley) “To be announced”
10:30-10:50 a.m.	Coffee Break
10:50-12:20 p.m.	<i>Session B Lectures</i> Chairperson: Joe Cline (University of Nevada, Reno)
10:50-11:25 a.m.	Jun Ye (JILA, National Institute of Standards and Technology, and the University of Colorado, Boulder) “Control of coherent light and its applications to atomic/molecular spectroscopy”
11:25 -11:45 a.m.	Annalise Van Wyngarden (University of California, Berkeley) “Dynamics of the O(¹ D) + CO ₂ oxygen isotope exchange reaction”
11:45-12:20 p.m.	John Hepburn (University of British Columbia) “Dynamics and spectroscopy of threshold ion-pair photodissociation of molecules and clusters”
12:20-1:30 p.m.	Lunch

Thursday, January 29th

1:30-3:20 p.m.	<i>Session C Lectures</i> Chairperson: Philip Reid (University of Washington)
1:30-2:05 p.m.	Vicki Colvin (Rice University) “The unusual terahertz absorption of nanowater and its implications for water’s dielectric behavior”
2:05 -2:25 p.m.	Travis Humble (University of Oregon) “Molecular state reconstruction by nonlinear wave packet interferometry”
2:25-3:00 p.m.	Jin Zhang (University of California, Santa Cruz) “Novel properties and emerging applications of nanomaterials studied by optical spectroscopy”
3:00-3:20 p.m.	Bjoern Reinhard (Technical University Kaiserslautern) “Coordination versus internal reaction in niobium-acetonitrile complexes probed by free electron laser IR multiphoton dissociation spectroscopy”
3:20-5:00 p.m.	Break
3:45-4:45 p.m.	Ecology / history walk with Asilomar State Beach park ranger. Meet on steps west of Main Lodge.
5:00-5:15 p.m.	Set up for Poster Session II in Merrill Hall
5:15-6:30 p.m.	Poster Session II
6:30-8:00 p.m.	Banquet (Seascape)
8:00-9:00 p.m.	Banquet Address in Merrill Hall: Wilson Ho (University of California, Irvine) “Spectroscopy at the spatial limit”
9:00-11:00 p.m.	Poster Session II Continues in Merrill Hall

Friday, January 30th

7:30 a.m.	Breakfast
9:00-10:15 a.m.	<i>Session D Lectures</i> Chairperson: Craig Taatjes (Sandia National Laboratories)
9:00-9:20 a.m.	David McCamant (University of California, Berkeley) “Femtosecond simulated Raman spectroscopy: a new technique for high performance femtosecond time-resolved vibrational spectroscopy”
9:20-9:55 a.m.	Kim Prather (University of California, San Diego) “Real-time investigation of heterogeneous processes at the single particle level: Taking it down to the nanoscale”
9:55-10:15 a.m.	Arthur Bragg (University of California, Berkeley) “Intra- and interband relaxation dynamics of anionic mercury clusters studied with time-resolved photoelectron imaging (TRPEI)”
10:15-10:35 a.m.	Break
10:35-11:40 am	<i>Session E Lectures</i> Chairperson: Eileen Spain (Occidental College)
10:35-10:55 a.m.	Yonggang He (Oregon State University) “Photoionization spectroscopy of water complexes of para-amino benzoic acid: from gas phase to solutions”
10:55-11:30 a.m.	Mark Ratner (Northwestern University) “Molecular electronics in 2004”
11:30-11:40 a.m.	Closing Comments
11:40 a.m.	Checkout
12:00 p.m.	Lunch

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